Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 21 Jan 2021 until 23:59 on Friday 22 Jan 2021

Forecast Issued on Thursday 21 Jan 2021 at 03:59

Confidence: High confidence for continued wintery weather on Thursday and becoming more settled after this.

Headline for Thursday 21 Jan 2021: Early snow showers, with rain to low levels, easing. Cold sunny spells following.

Mountain weather hazards on Thursday 21 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow showers	Light snow showers	Light snow showers	Light snow
Precipitation probability					
40%	30%	30%	60%	30%	30%

Forecast for Thursday 21 Jan 2021

Weather: A rather cloudy morning, with some snow showers, mainly across western hills, but likely falling as rain to levels below 300m. These likely easing gradually through the afternoon, with sunny spells following. Winds also easing a little, but temperatures falling and a freeze occurring overnight.

Chance of cloud free mountain/hill tops above 600m: 30% during the morning, increasing to 80% by the afternoon. Best chance in the east.

Visibility: Extensive cloud at 300m at first, lifting and breaking through the morning to 600m by the afternoon. Visibility on tops will be very poor, especially in showers with some spindrift possible. As winds ease and clouds break, some expansive views likely to develop into the afternoon, although still poor when any further showers move through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 21 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/40 SW	36/45 SW	32/42 SW	24/33 W	23/30 W	22/30 W	23/31 W
300	24/33 SW	27/37 SW	25/36 SW	18/27 SW	15/23 SW	14/22 SW	16/25 W
Valley	15/32 SW	15/34 SW	17/34 SW	12/26 W	10/22 W	8/20 W	10/23 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-2/-11	-0/-9	-0/-7	-1/-8	-1/-8	-1/-8
300	0/-7	1/-7	2/-5	2/-4	1/-4	1/-4	1/-5
Valley	1/-5	1/-4	2/-3	3/-2	2/-2	2/-2	1/-3
Freezing Level*	300m	300m	500m	500m	500m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early strong winds on highest tops soon easing. Full winter conditions expected at height, however. Any showers could lead to some notable deteriorations in conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 21 Jan 2021	40.2mm	70.6mm	85.2mm

Forecast for Friday 22 Jan 2021

Weather: Most hills dry, with sunny spells. A few scattered snow showers are possible, mainly across western hills and routes, although showers turn to rain and sleet below 400m. Feeling cold, despite lighter winds than Thursday.

Maximum wind: Westerly 10mph with gusts 20-25mph.

Chance of cloud free mountain/hill tops above 600m: 40% at first, but 80% in east.

Visibility: Cloud will obscure views above 600m at time, however this will become well broken by mid-morning to allow some wide ranging views.

Temperature: **Valleys:** Zero rising to Plus 5 Celsius.
At 600m: Minus 1 Celsius.
Freezing level: 500m

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